# Work Group 5 " Mechanics of CPR "

# THE POST RESUSCITATIVE AND INITIAL UTILITY IN LIFE SAVING EFFORTS (PULSE) **WORKSHOP**

June 29-30, 2000

Chair

Co-chair

Karl Kern, MD

Professor of Medicine Vascular Autoregulation

University of Arizona Optimization of Vascular Resistance

Henry Halperin, MD

Associate Professor Alternative Methods of Flow Creation

Department of Medicine and Overall Summary Editor

Biomedical Engineering Johns Hopkins University

Richard Kerber, MD Co-chair

Chair, Cardiopulmonary and Overall Summary Editor

Critical Care Council American Heart Association

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Susan Niermeyer, MD Co-chair

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Clinical Instructor

Assistant Director for Clinical Medicine Lafayette Center for Medical Education

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Flow Mechanisms with Alternative Modalities

of CPR

Cellular Protectants and Anti-oxidants

Cairns, MD, Charles

Associate Professor of Surgery

Director

Colorado Emergency Medicine

Research Center University of Colorado Health Sciences Center Trauma Sub-Committee

Improved Technologies and Sensors for

Resuscitation Assessment Synthetic Vascular Components

Grossman, PhD, Laurence

Chief

Hydrodynamics and Acoustics Branch Office of Science and Technology Center for Devices and Radiological Health Food and Drug Administration

Improved Technologies and Sensors for

Resuscitation Assessment

Landau, MD, William

Professor

Department of Neurology

Washington University School of Medicine

Cognitive Outcome Measures Post

Resuscitation

Lardo, PhD, Albert

Johns Hopkins Medical Institutions

Faculty of Radiology, Biomedical Engineering

and Surgery

Roles of fundamental Compliance and

Vascular Resistance during CPR

Nadkarni, MD, Vinay

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Pediatric Intensive Care

Department of Anesthesia and Critical Care

Associate Professor of Pediatrics

Thomas Jefferson University

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A.I. DuPont Hospital for Children

Liquid Ventilation Modes

Niemann, MD, James

Professor of Medicine

Harbor-UCLA Medical Center University of California Los Angeles Department of Emergency Medicine Flow Mechanisms with Traditional and

Alternative Modes of CPR

Conduction Outcomes Post Defibrillation

Paradis, MD, Norman

Medical Director Emergency Medicine University of Colorado Health Sciences Center Optimization of Vascular Resistance During and Post-Resuscitation Role of Cardio-Pulmonary Bypass

Trauma Sub-Group

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Cognitive Outcome Measures Post-Resuscitation

Neurologist in Chief The New York Hospital Chairman Department of Neurology and Neurosciences Cornell University

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Division Director, Critical Care Director, Program in Traumatology Department of Surgery R Adams Cowley Shock Trauma Center Role of Immunomodulation Post Traumatic Arrest.

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